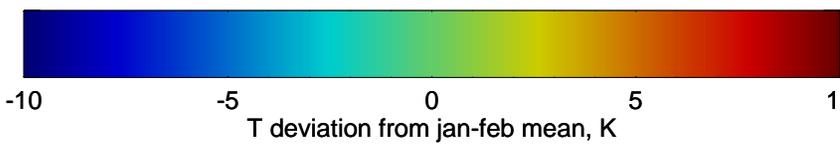
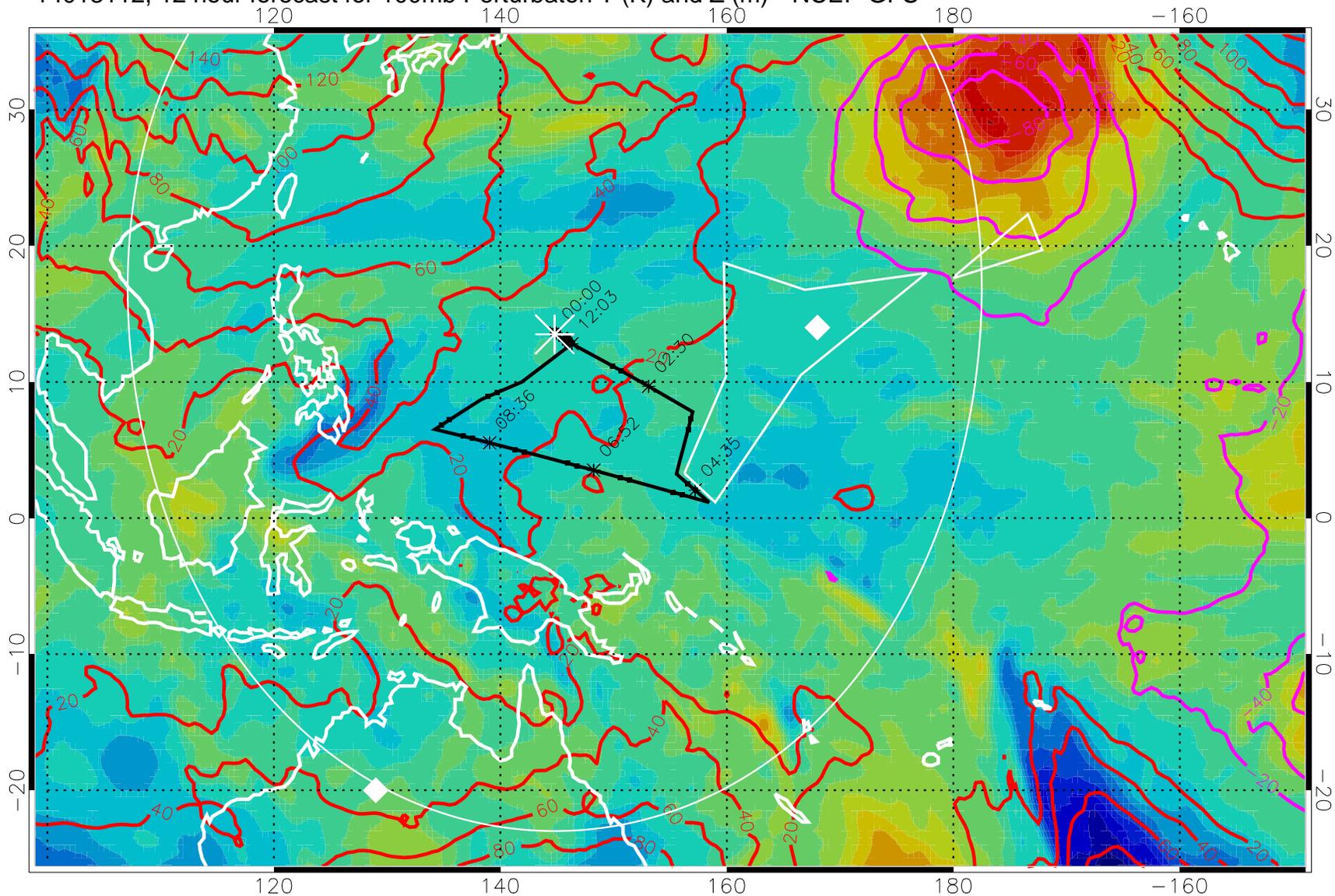


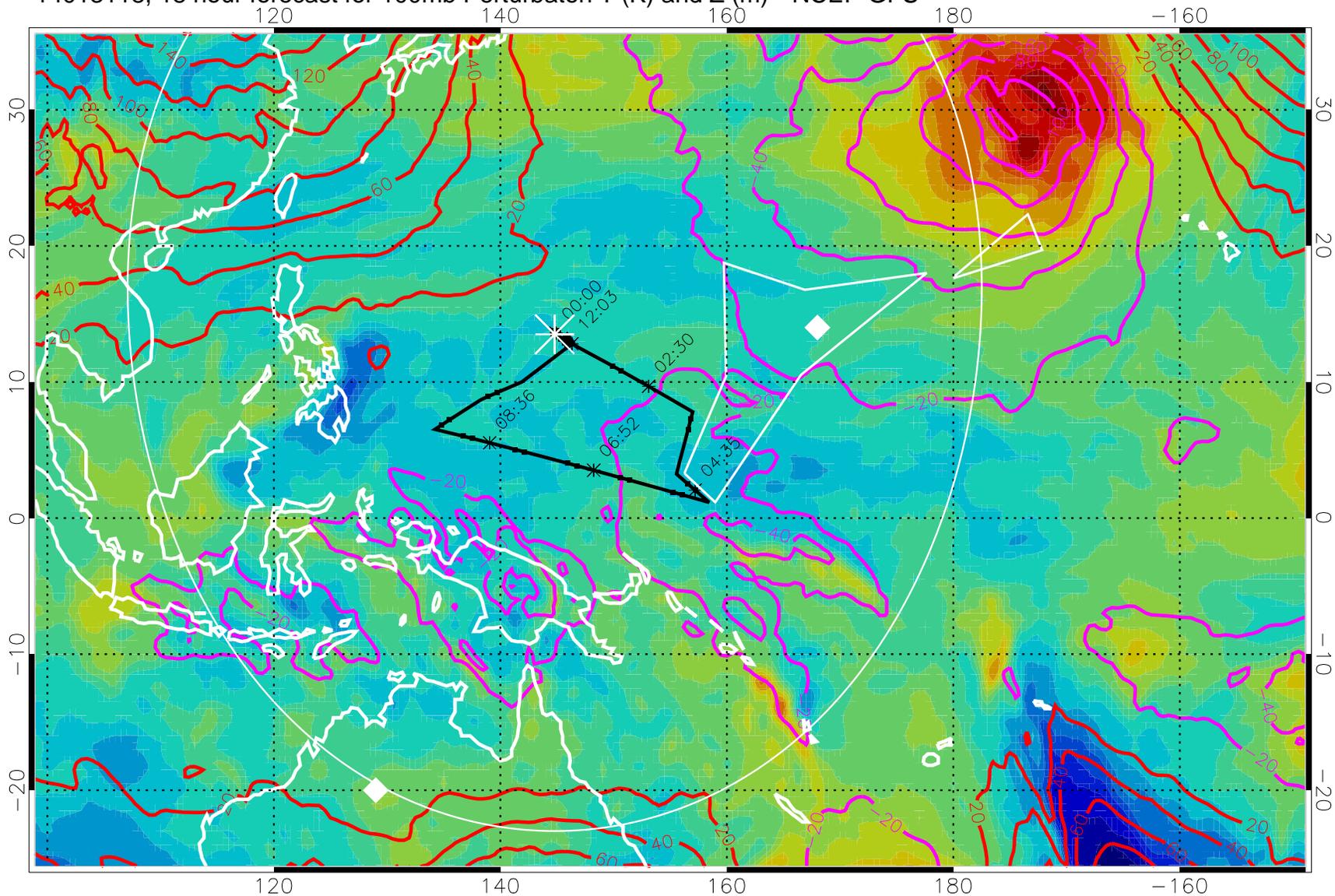
14013112, 12 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14013118, 18 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS

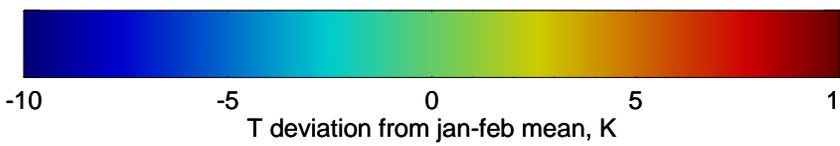
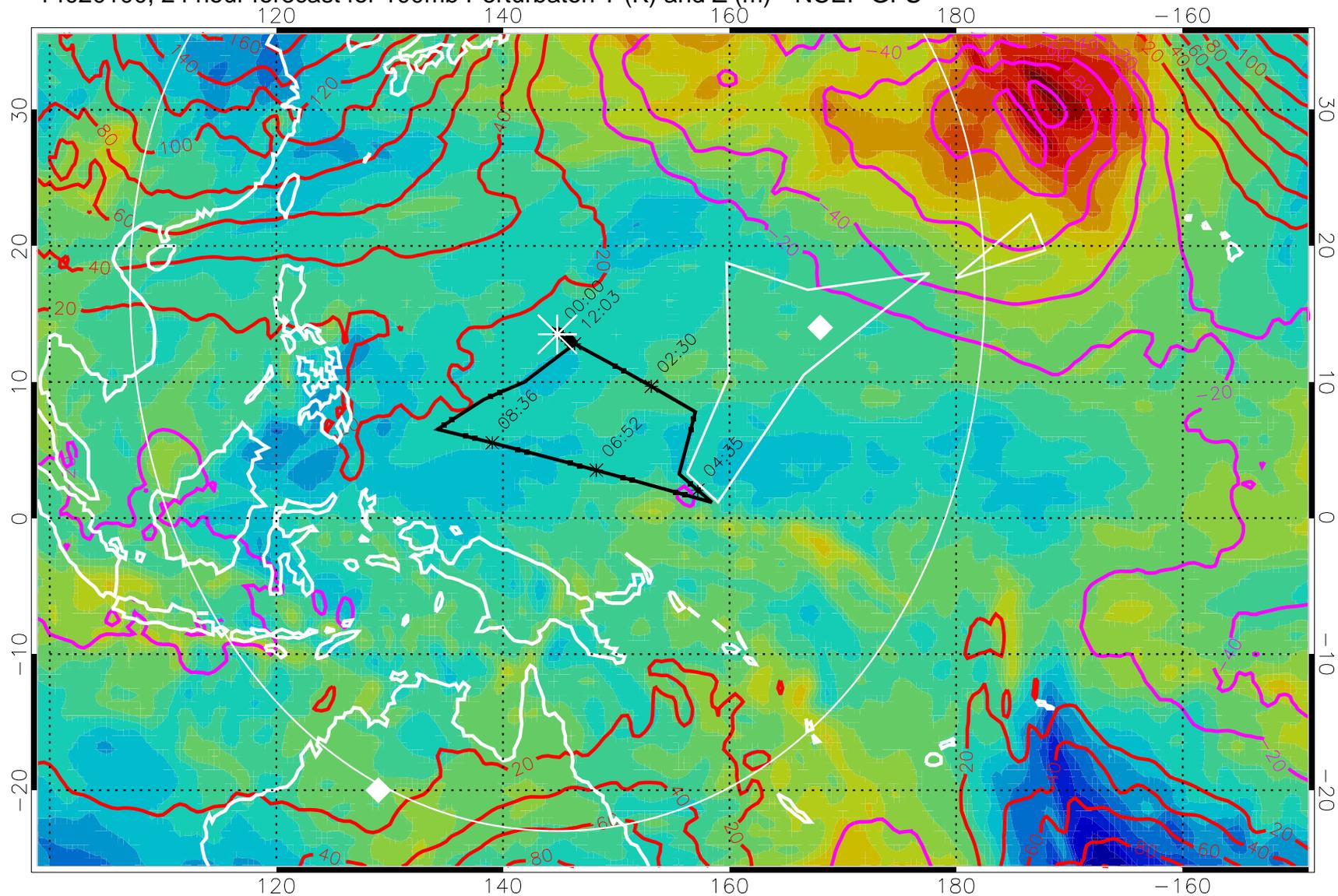


T deviation from jan-feb mean, K

Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

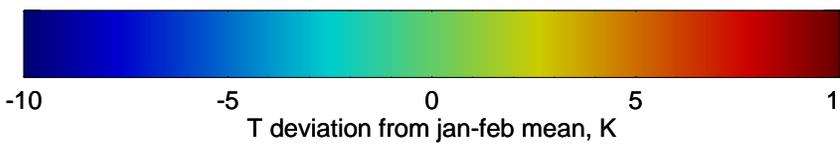
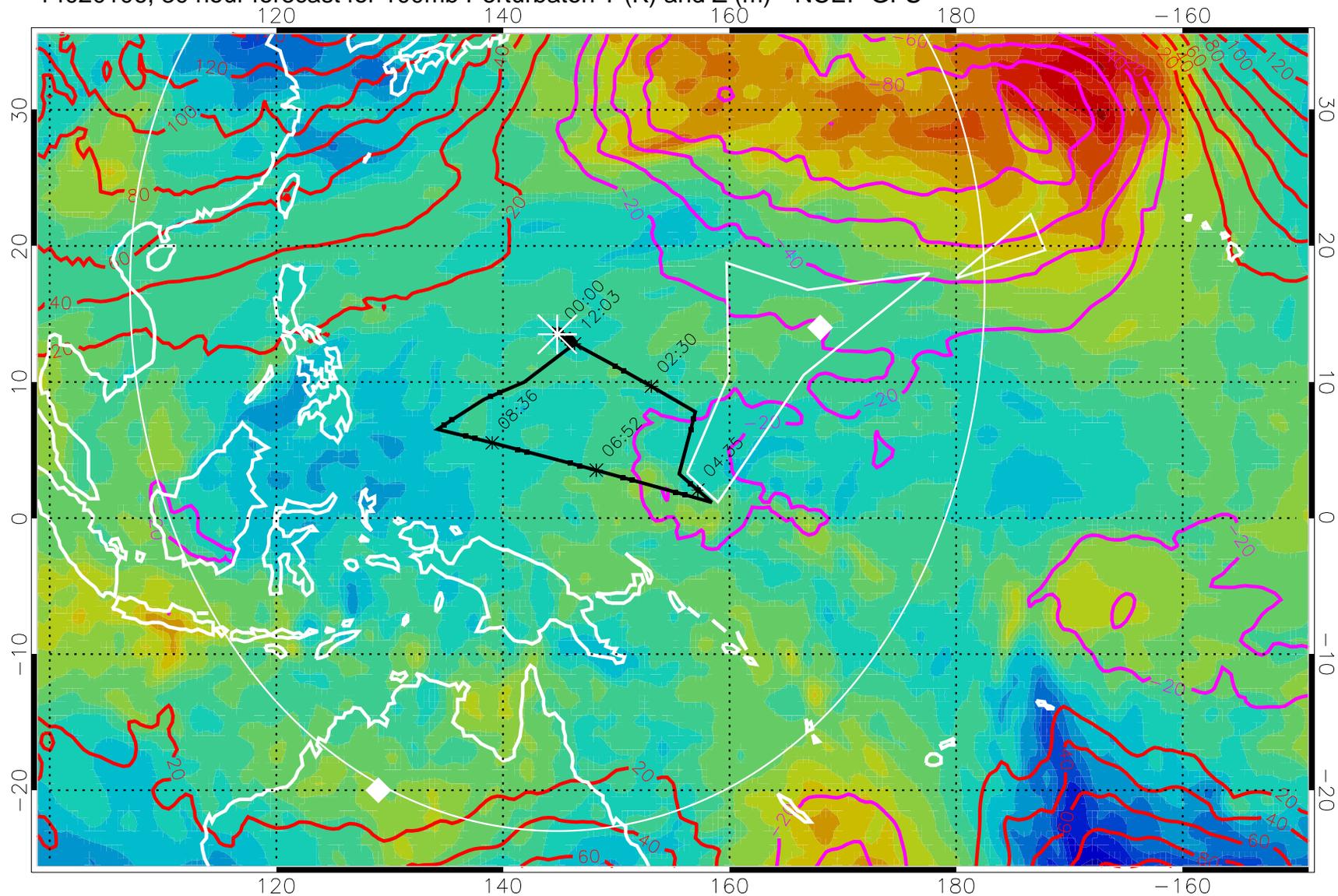
14020100, 24 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

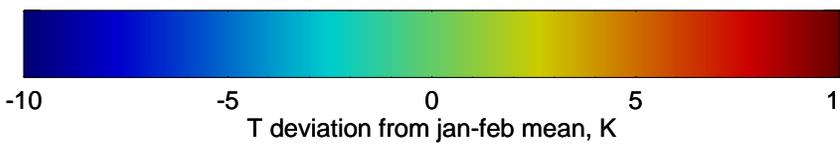
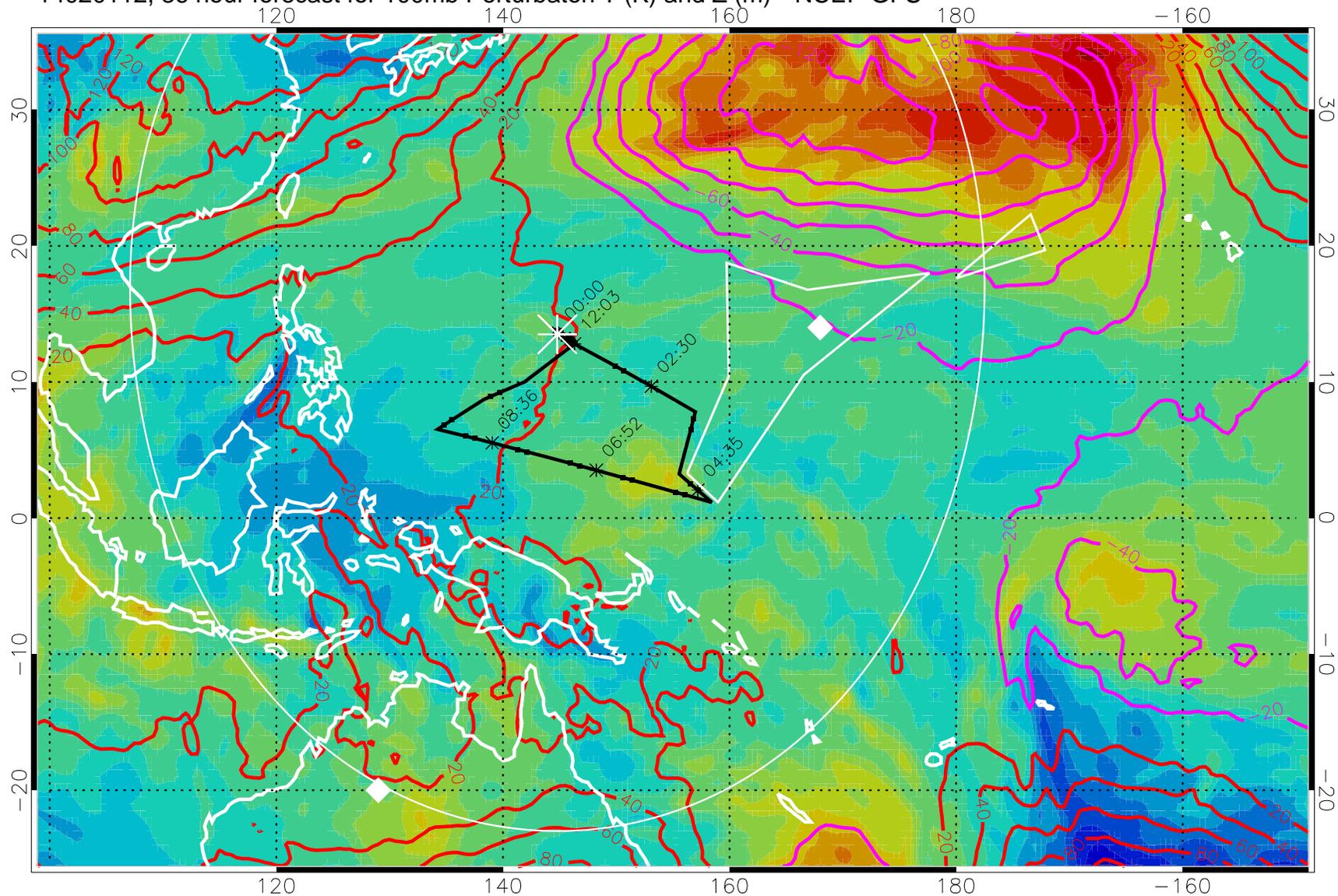
14020106, 30 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

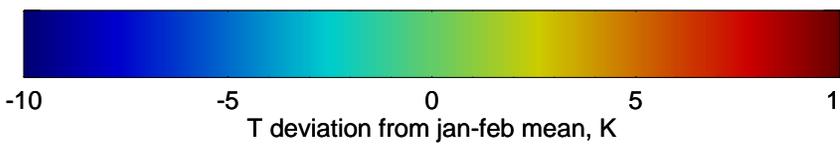
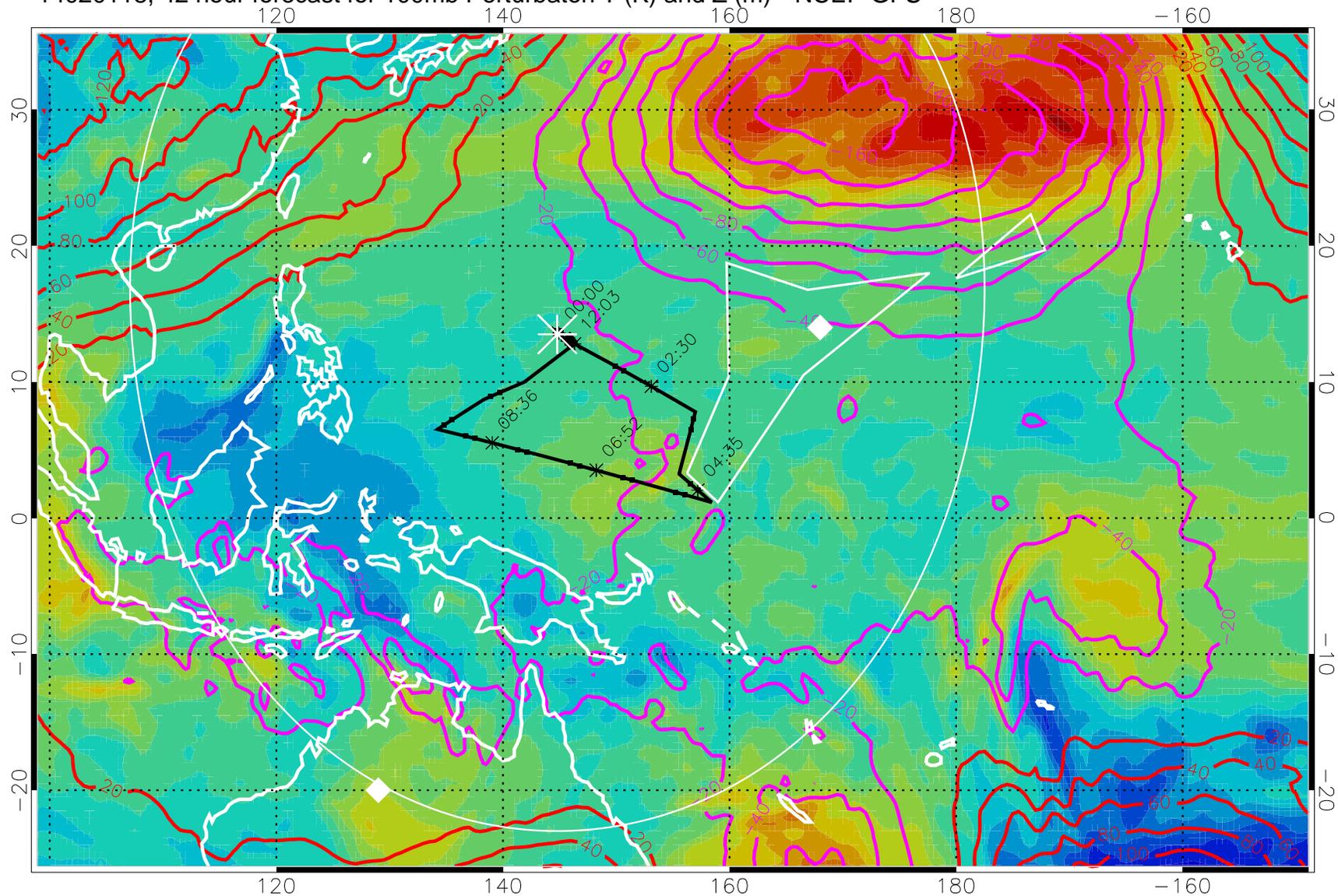
14020112, 36 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

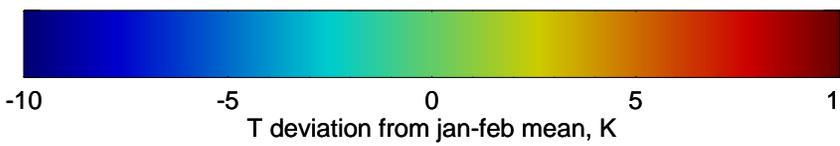
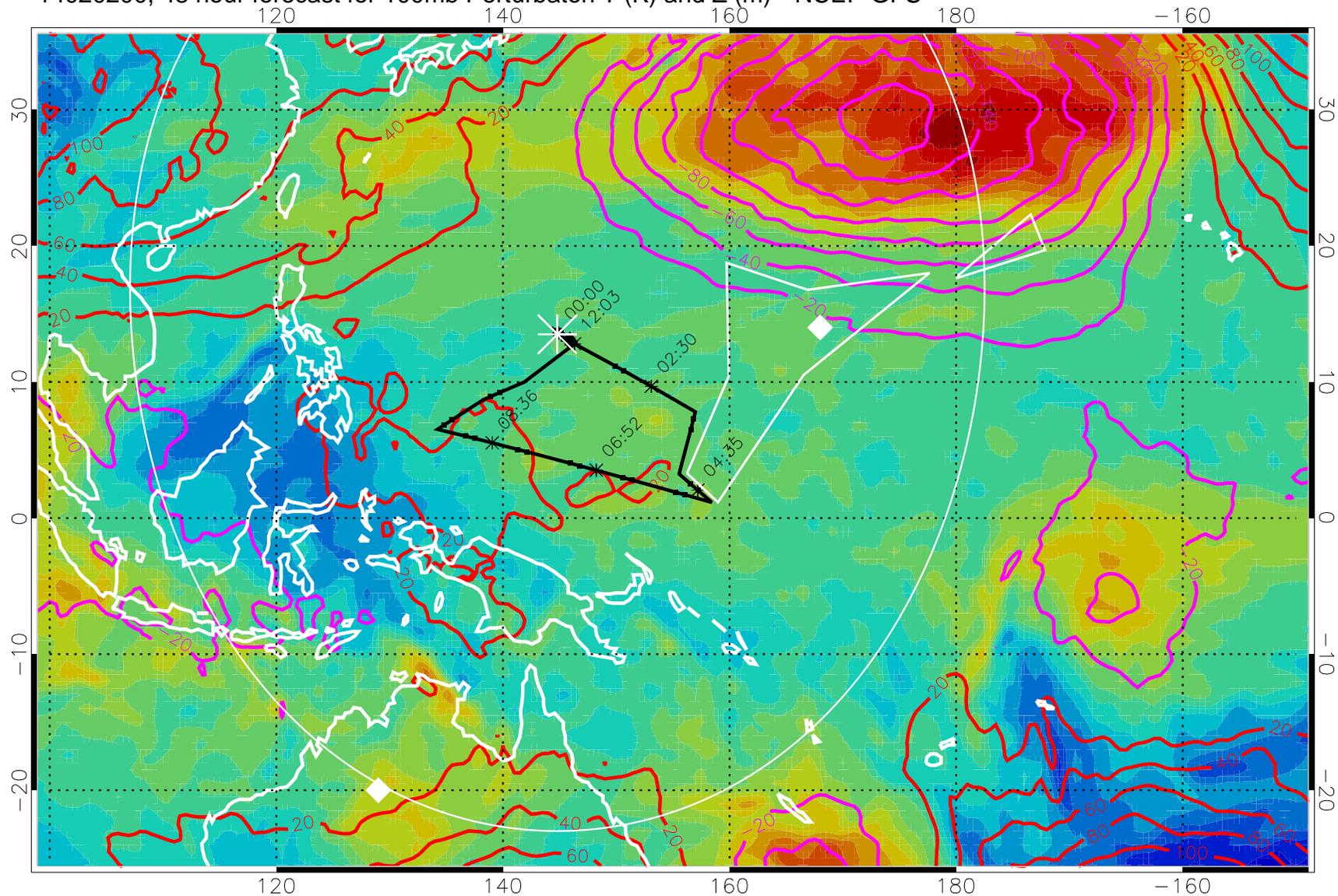
14020118, 42 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

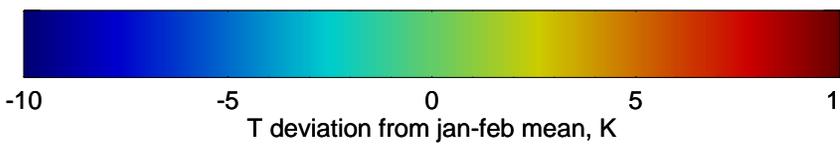
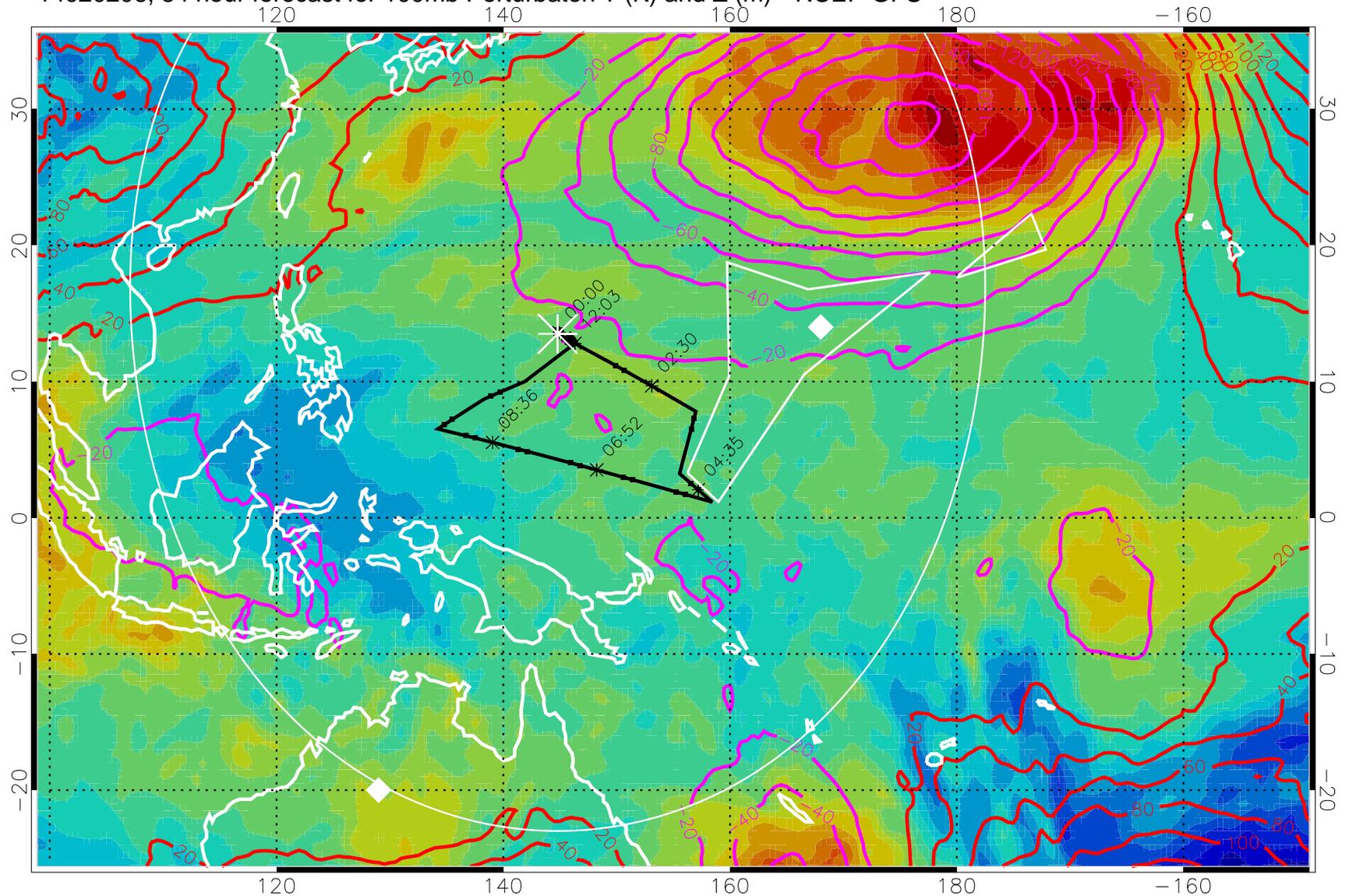
14020200, 48 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

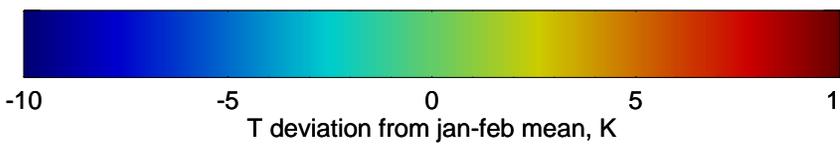
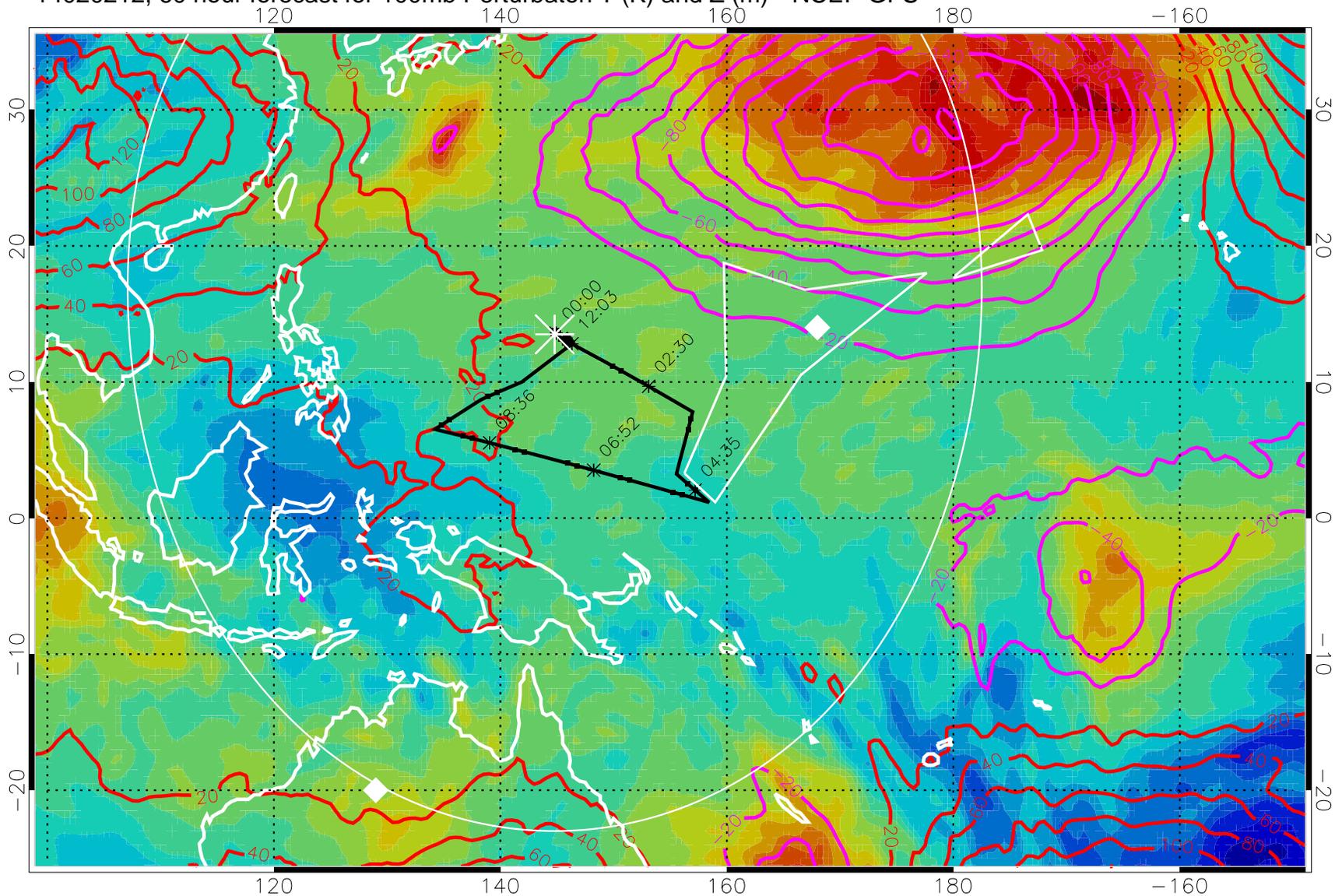
14020206, 54 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

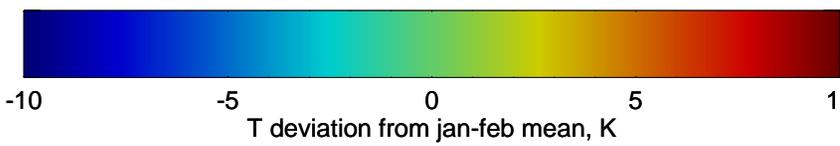
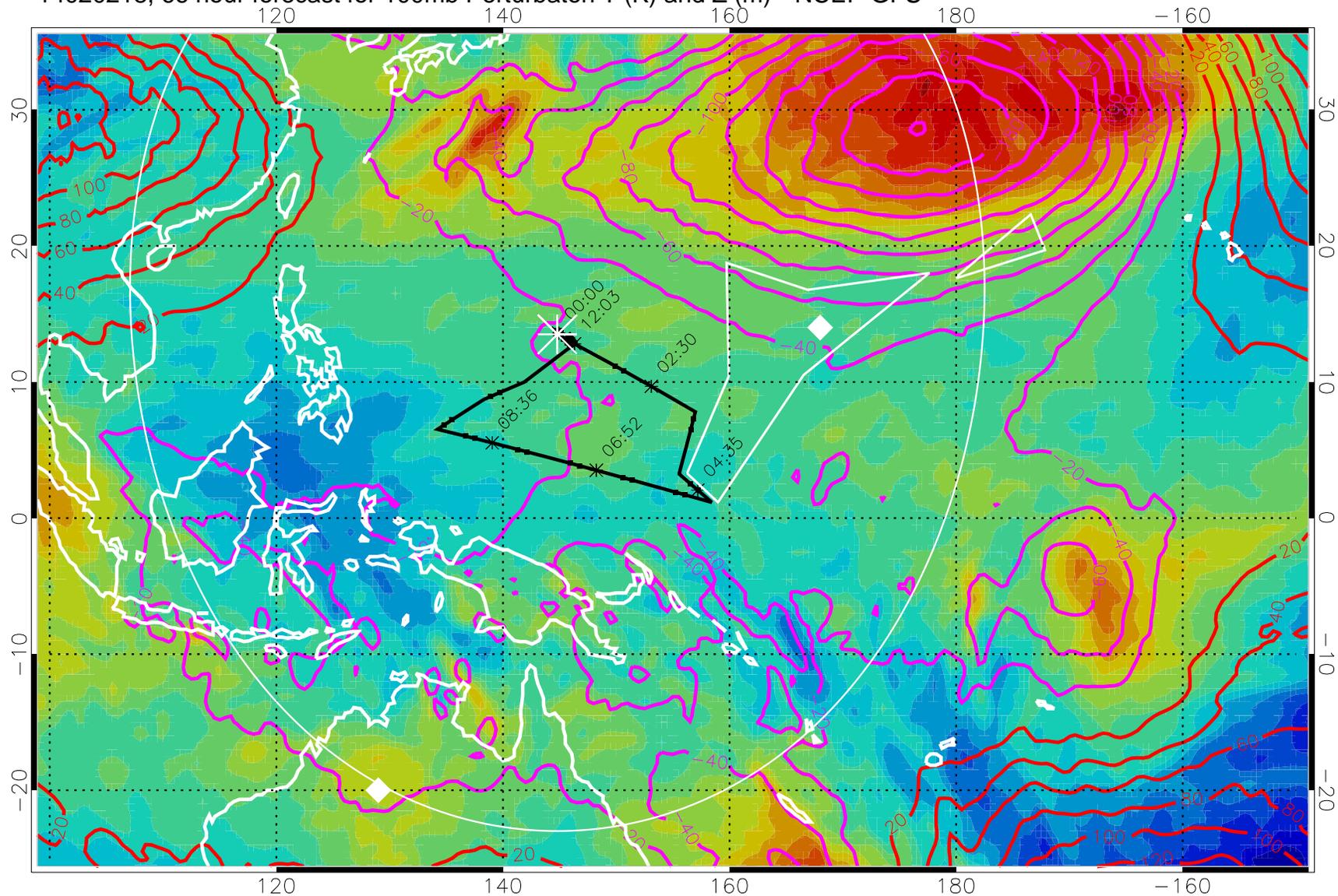
14020212, 60 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

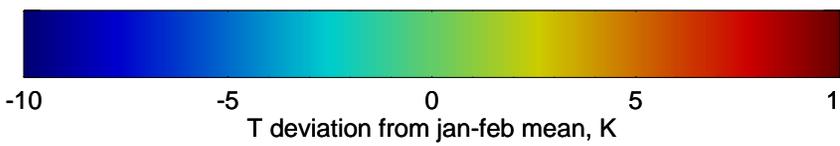
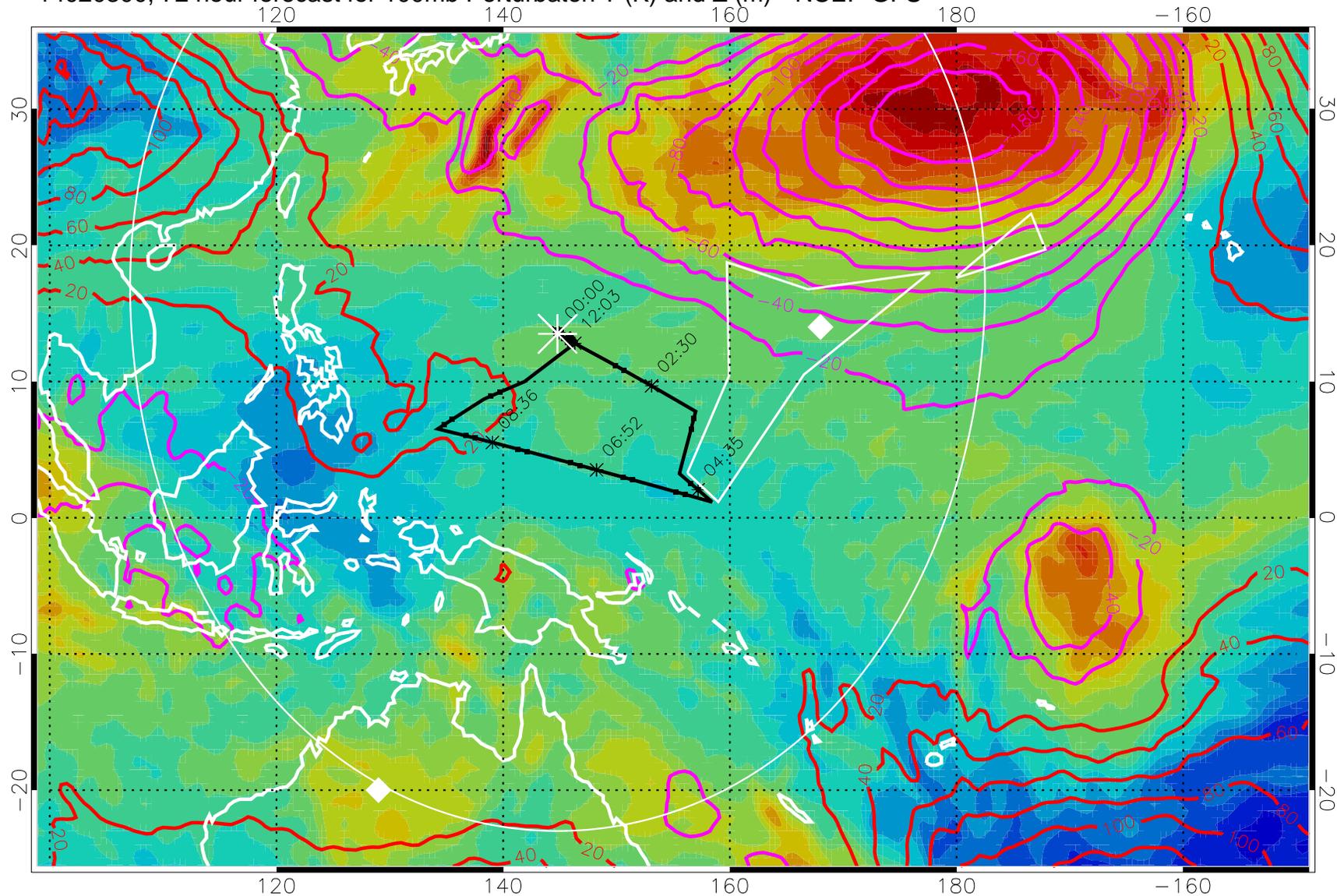
14020218, 66 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

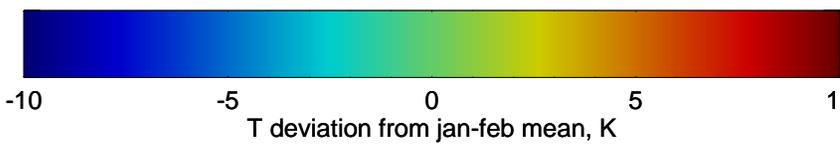
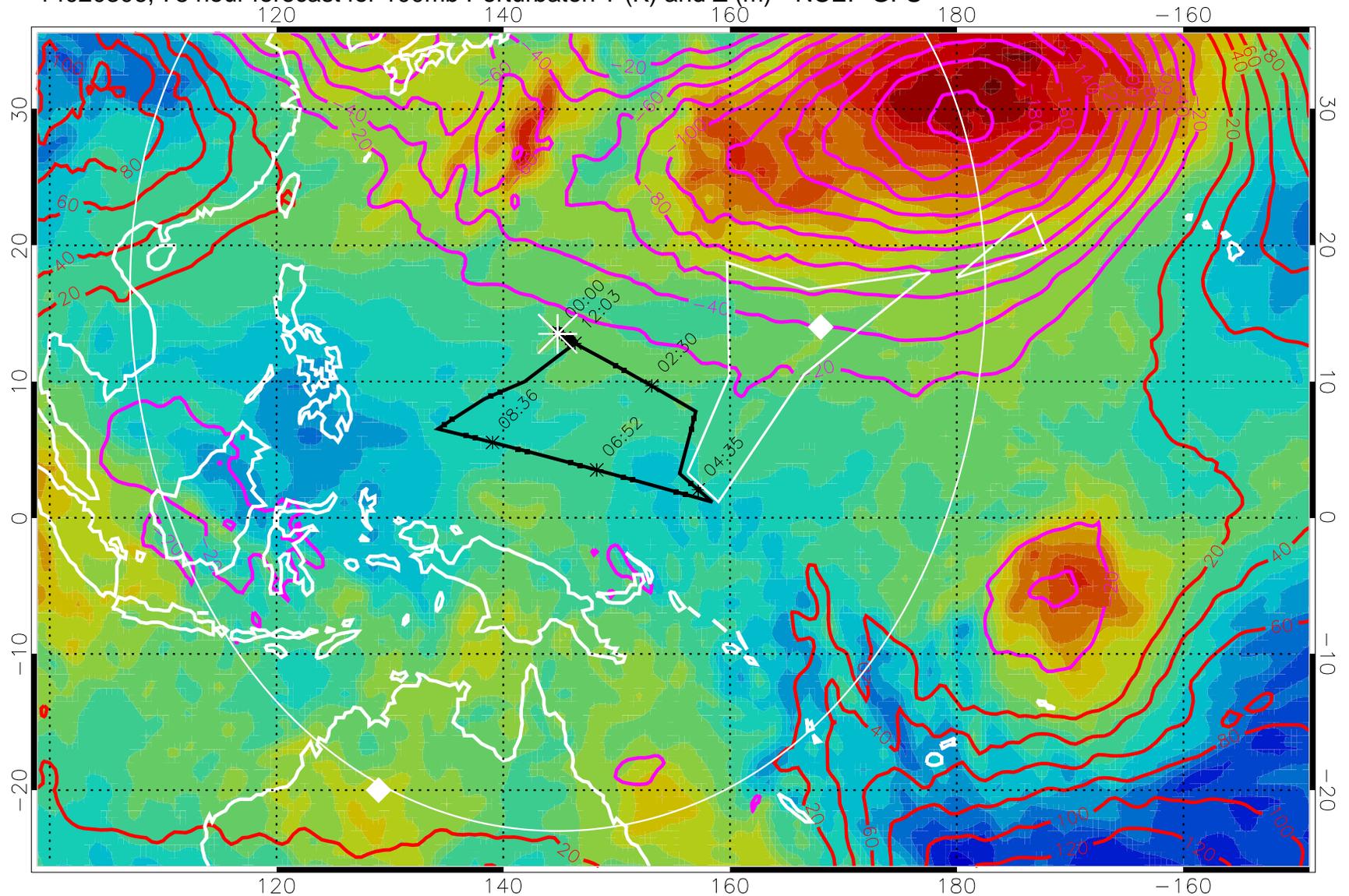
14020300, 72 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14020306, 78 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)

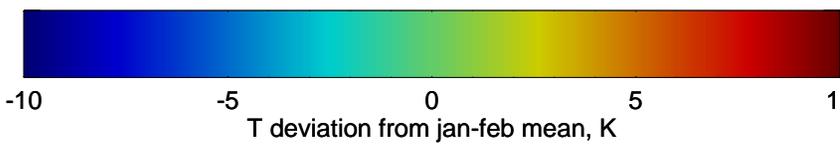
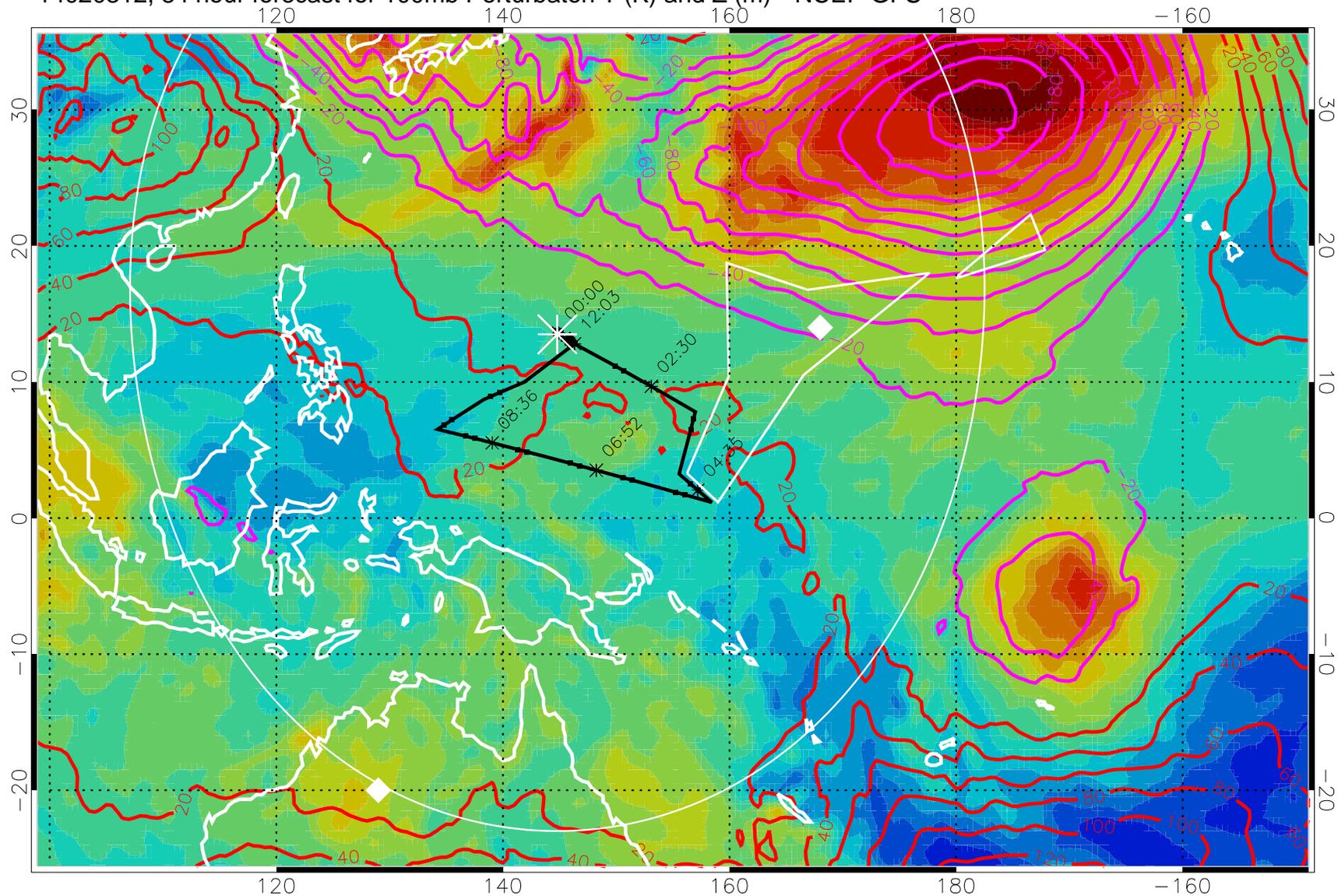
Positive Z Contours

Negative Z Contours

Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

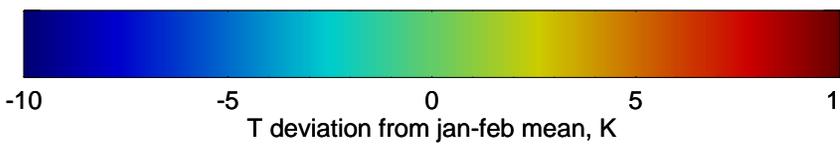
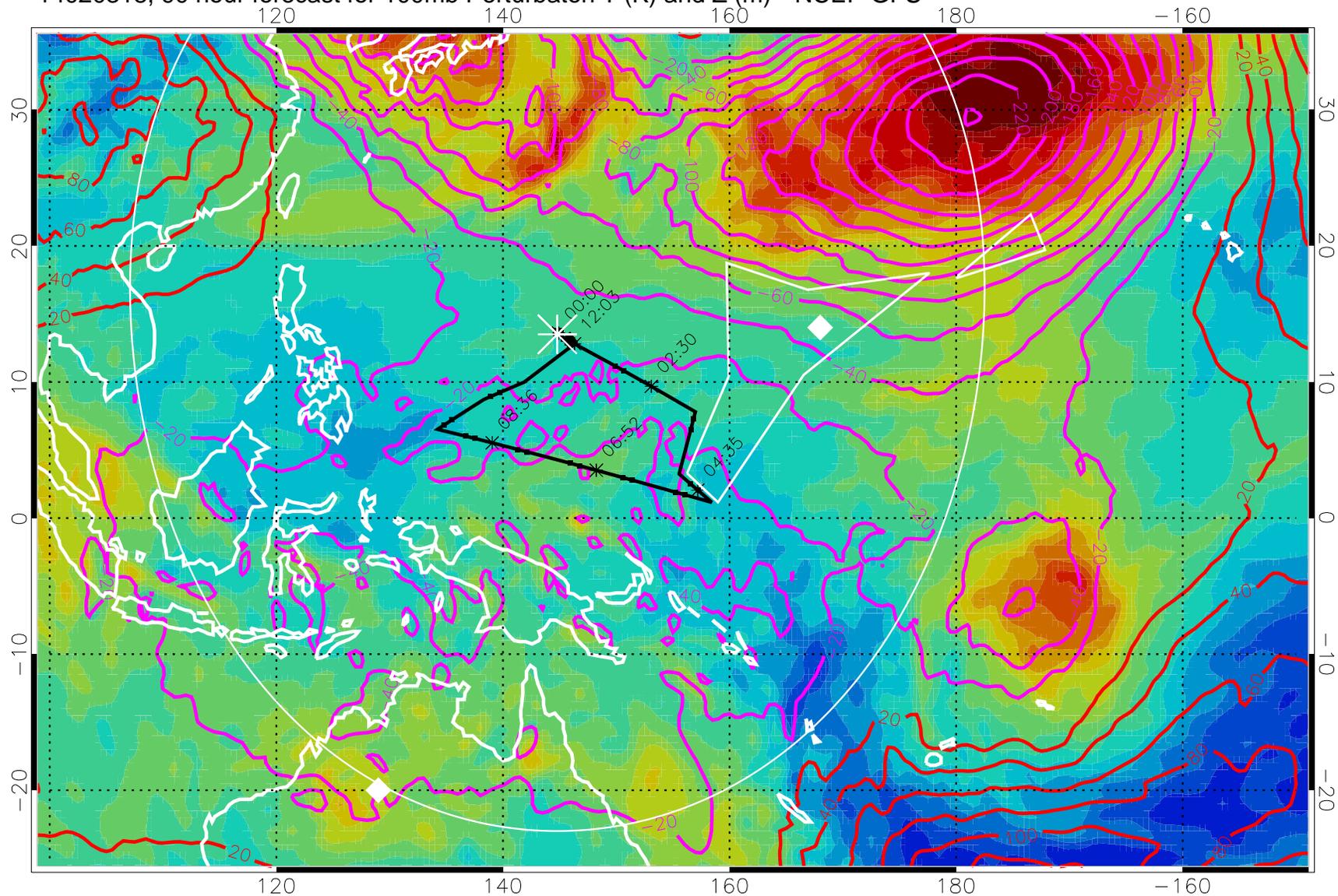
14020312, 84 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

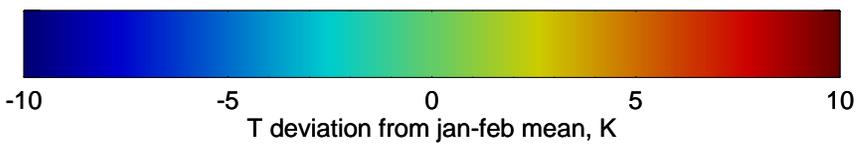
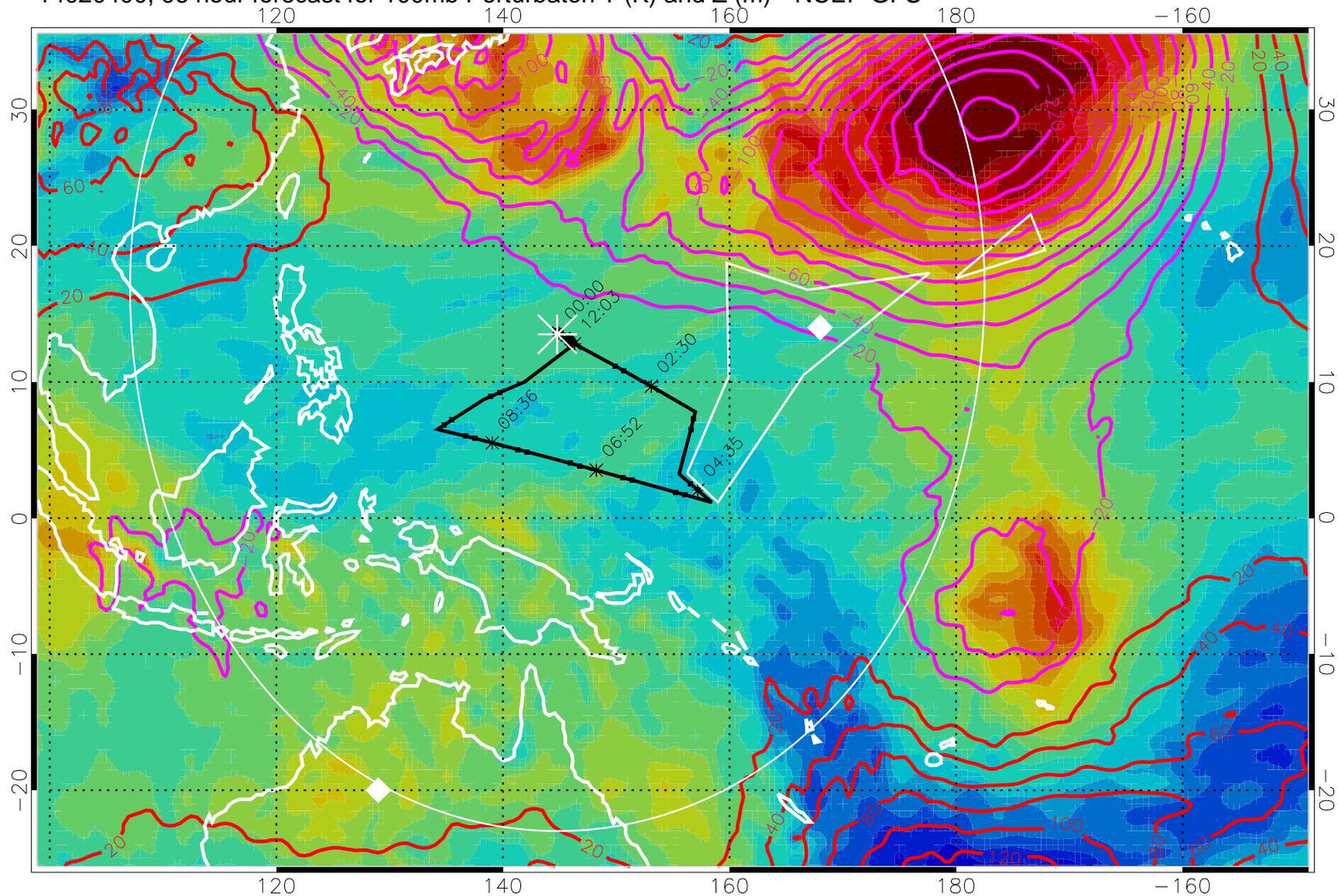
14020318, 90 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

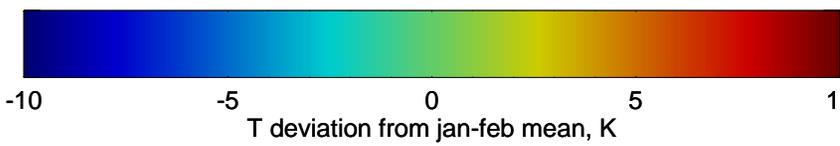
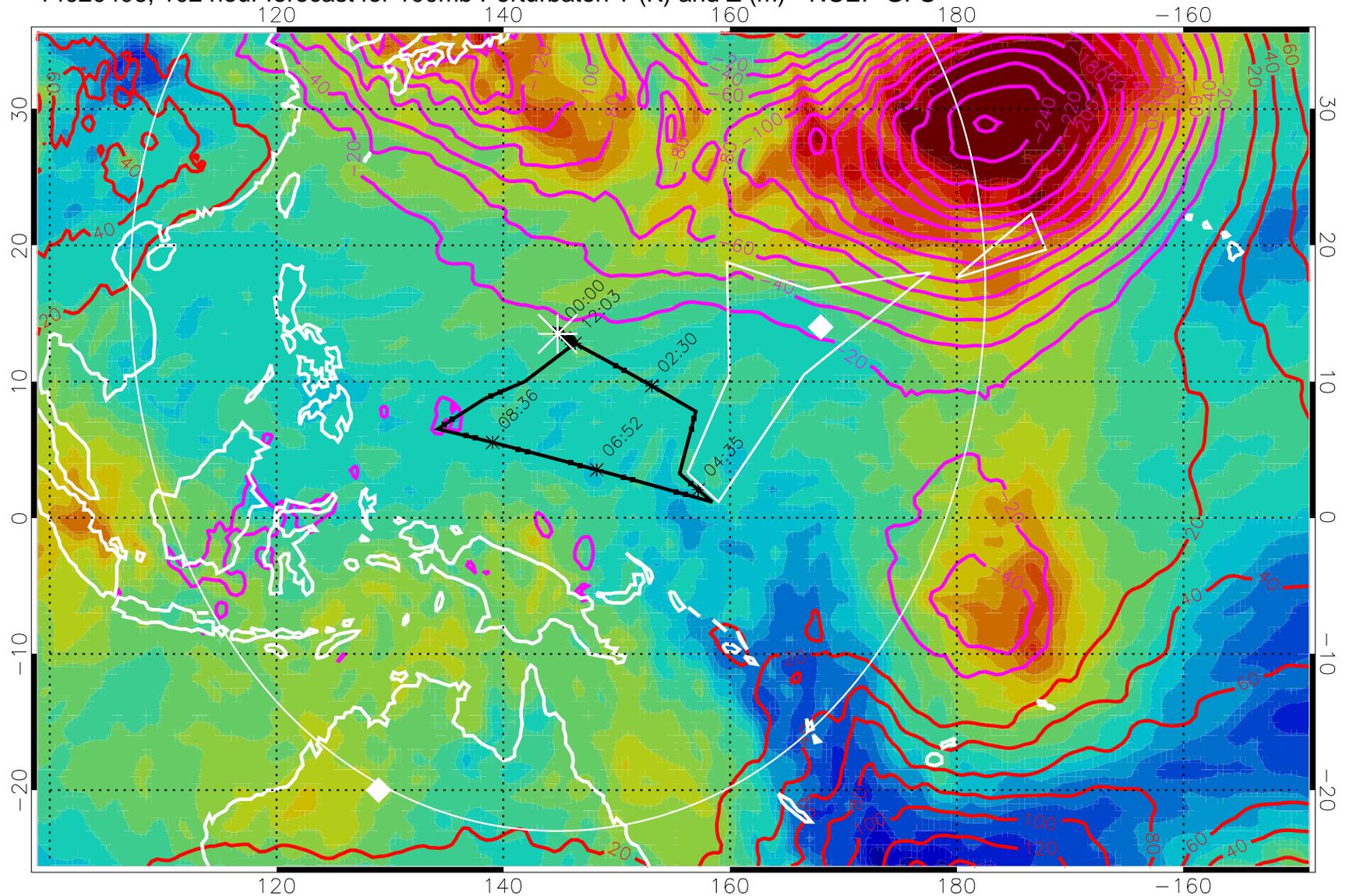
14020400, 96 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

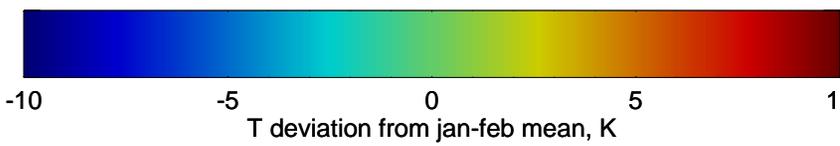
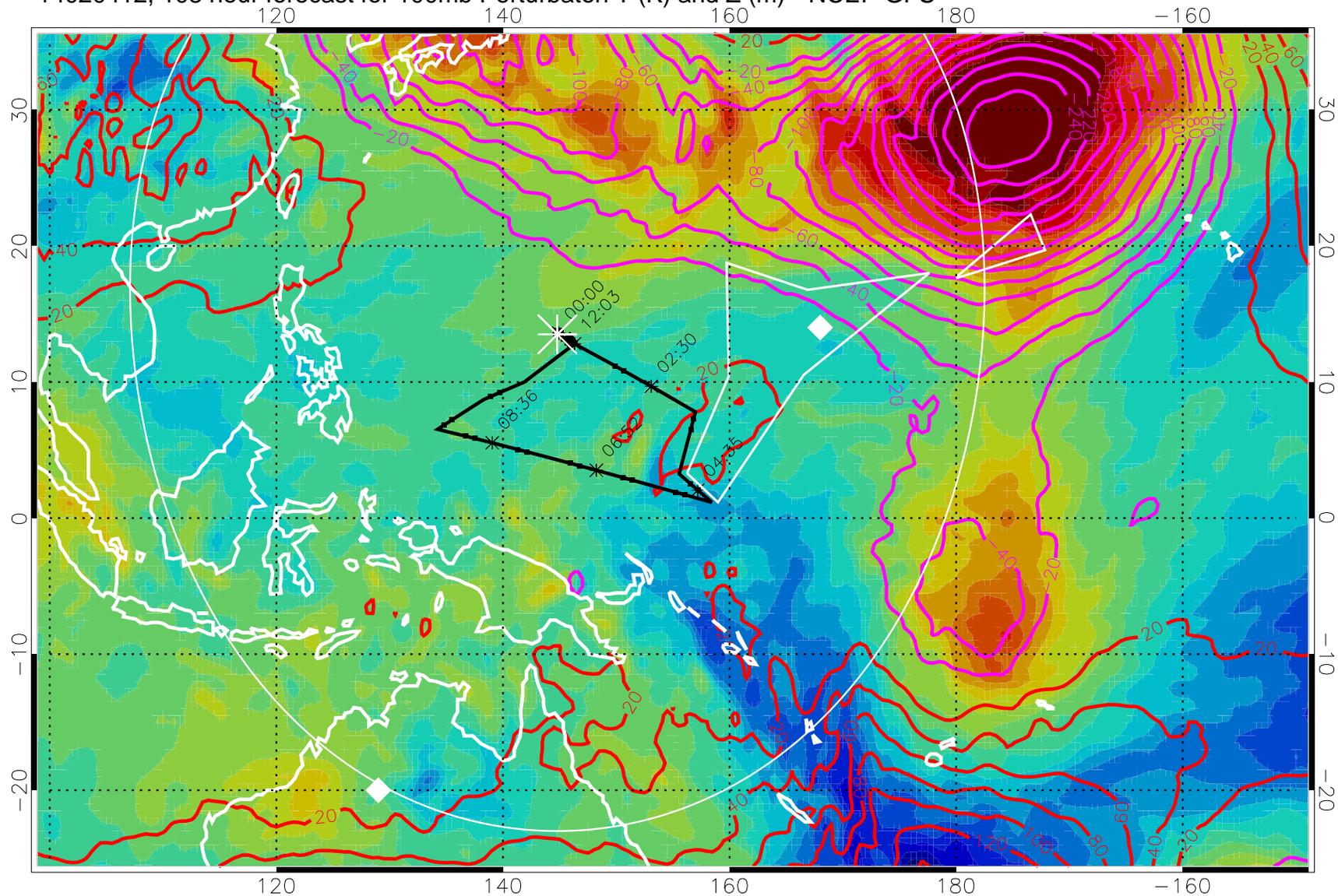
14020406, 102 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

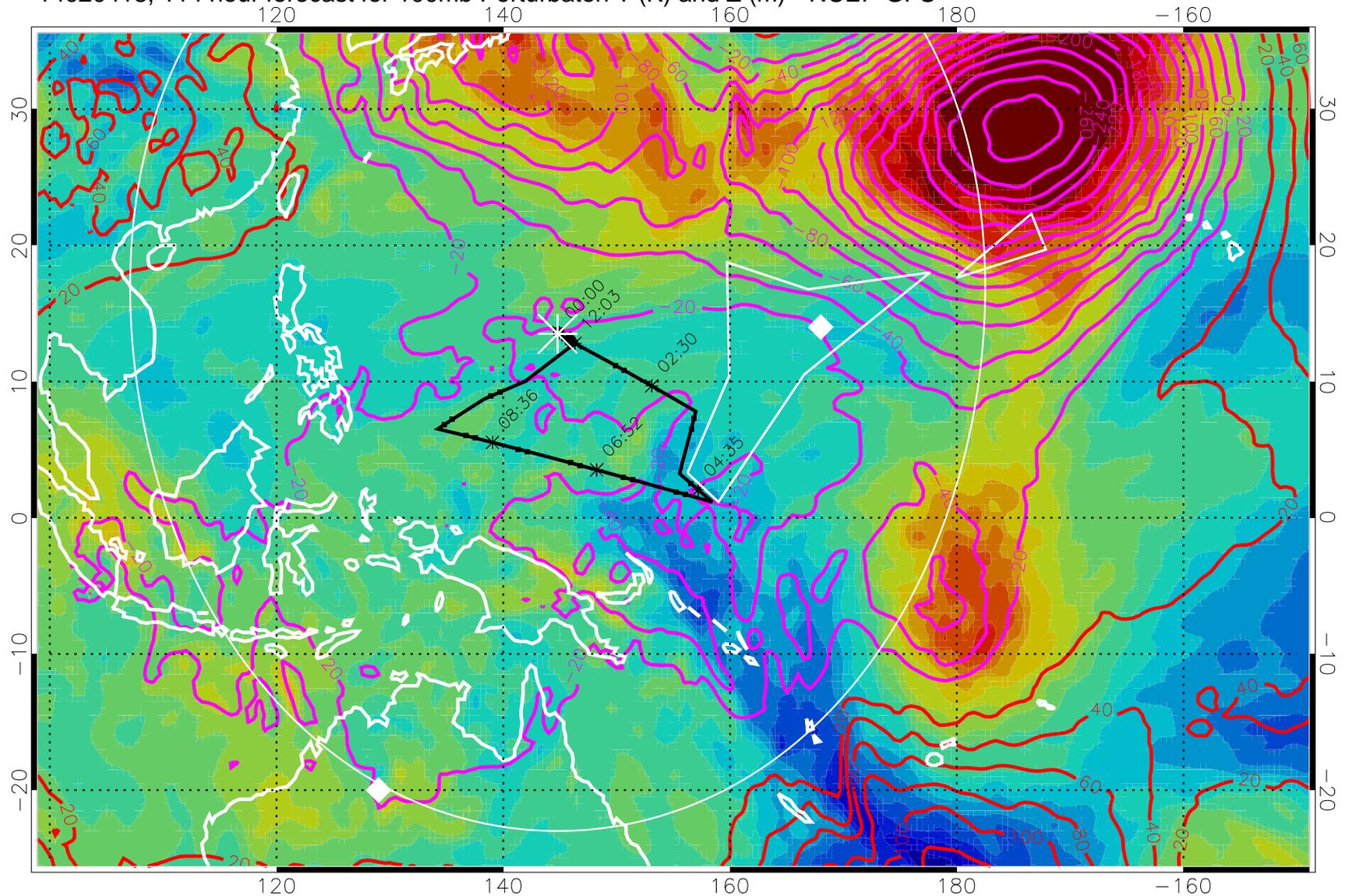
14020412, 108 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
 Positive Z Contours
 Negative Z Contours
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14020418, 114 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS

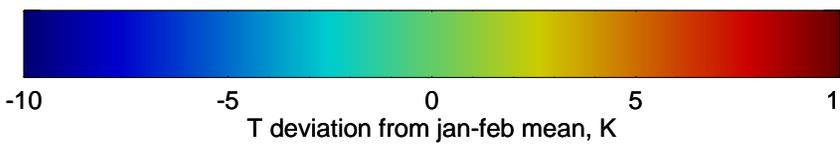
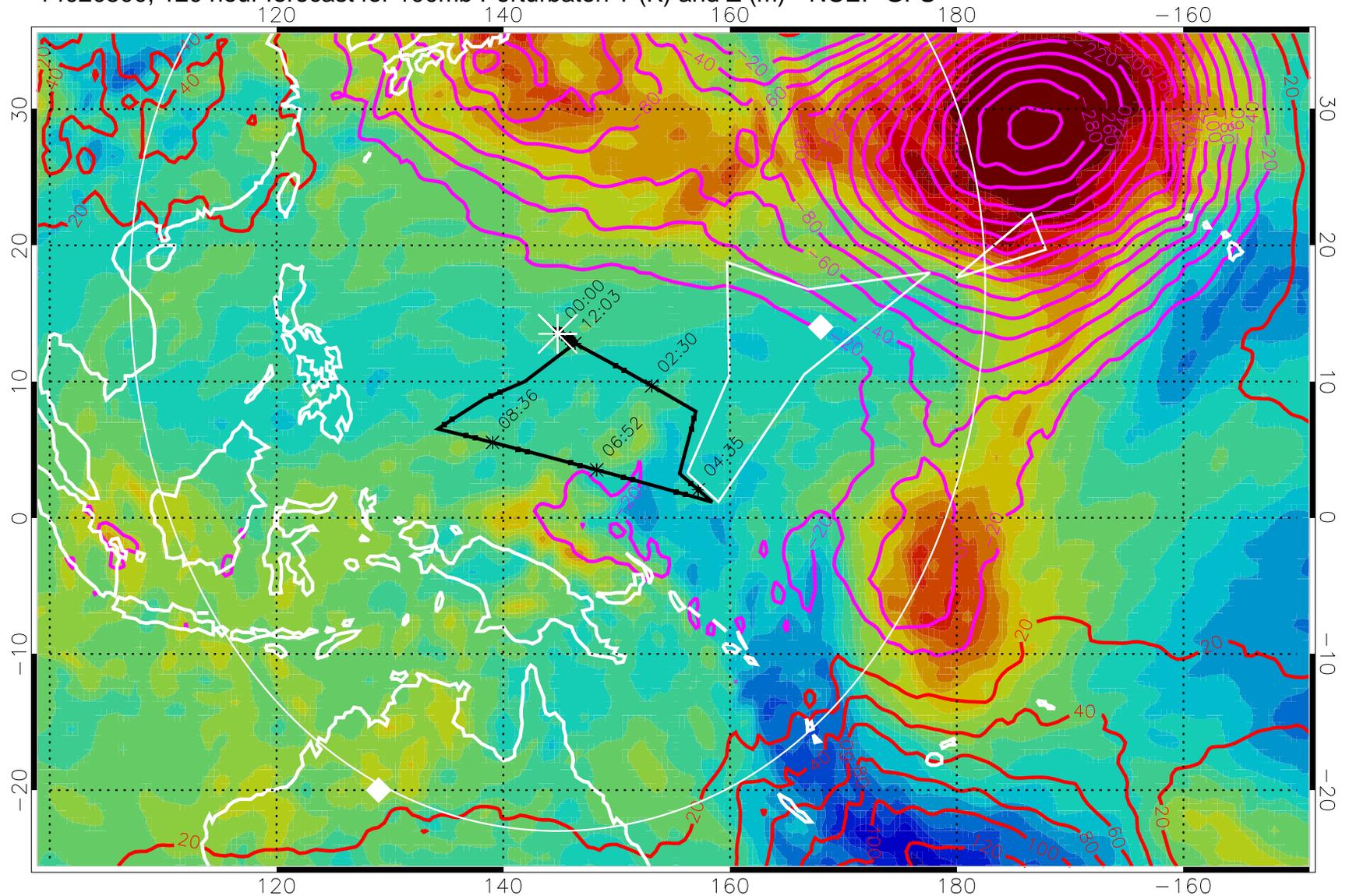


-10 -5 0 5 10
T deviation from jan-feb mean, K

Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14020500, 120 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)
Positive Z Contours
Negative Z Contours
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip